

1631

1603

CRF Errors Corrected by the STI Systems Branch

CRF Processing Date: 1/10/2002

Edited by:

Verified by:

(STIC sig

Serial Number:

09/605,703B

ENTERED☐

Changed a file from non-ASCII to ASCII

☐

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐

Edited a format error in the Current Application Data section, specifically:

☐Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____☐

Added the mandatory heading and subheadings for "Current Application Data".

☐

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐

Corrected the SEO ID NO when obviously incorrect. The sequence numbers that were edited were:

☒

Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited: 2934

☐

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐

Inserted colons after headings/subheadings. Headings edited included:

☐

Deleted extra, invalid, headings used by an applicant, specifically:

☐Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____☐

Inserted mandatory headings, specifically:

☐

Corrected an obvious error in the response, specifically:

☐

Edited identifiers where upper case is used but lower case is required, or vice versa.

☐

Corrected an error in the Number of Sequences field, specifically:

☐

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐

Other: _____

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JAN 16 2002
TECH CENTER 1600/2900

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

1600

RAW SEQUENCE LISTING

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

TIME: 10:11:23

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

p5

3 <110> APPLICANT: Pompejus, Markus
 4 Kroger, Burkhard
 5 Schroder, Hartwig
 6 Zelder, Oskar
 7 Haberhauer, Gregor
 9 <120> TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING NOVEL
 10 PROTEINS
 12 <130> FILE REFERENCE: BGI-129CP
 14 <140> CURRENT APPLICATION NUMBER: 09/605,703B
 15 <141> CURRENT FILING DATE: 2000-06-27
 17 <150> PRIOR APPLICATION NUMBER: 60/142,764
 18 <151> PRIOR FILING DATE: 1999-07-08
 20 <150> PRIOR APPLICATION NUMBER: 60/152,318
 21 <151> PRIOR FILING DATE: 1999-09-03
 23 <160> NUMBER OF SEQ ID NOS: 2934
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 1023
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Corynebacterium glutamicum
 30 <220> FEATURE:
 31 <221> NAME/KEY: CDS
 32 <222> LOCATION: (101)..(1000)
 33 <223> OTHER INFORMATION: RXN01638
 35 <400> SEQUENCE: 1
 36 aggcatacaaa cccacagcac aaccaccagg acgtgccacg atgtccatcc gtggtgaaaa 60
 38 catcgggtgtt gcacagatgg caccgcatag gtgatgactc atg agc acc caa aca 115
 39 Met Ser Thr Gln Thr
 40 1 5
 42 atc acc atc aca gtc cta gaa acc gcc acc atc ttt gac ggc cct gaa 163
 43 Ile Thr Ile Thr Val Leu Glu Thr Ala Thr Ile Phe Asp Gly Pro Glu
 44 10 15 20
 46 acc atc tac cgc tat gac ctg gct gcc gaa ggc atc ctt gat gga tgg 211
 47 Thr Ile Tyr Arg Tyr Asp Leu Ala Ala Glu Gly Ile Leu Asp Gly Trp
 48 25 30 35
 50 gct cac tct gct gtg ctg gat caa gtg aaa caa ata gca ggt gaa aac 259
 51 Ala His Ser Ala Val Leu Asp Gln Val Lys Gln Ile Ala Gly Glu Asn
 52 40 45 50
 54 tgg ccg act gtt gag atc gtg gtg gat ggc acc gac aac gta gtc aat 307
 55 Trp Pro Thr Val Glu Ile Val Val Asp Gly Thr Asp Asn Val Val Asn
 56 55 60 65
 58 gca ctc acc tcc atg ttt gct tcc aaa ggc gtg acc tgc ggt ggg gtt 355
 59 Ala Leu Thr Ser Met Phe Ala Ser Lys Gly Val Thr Cys Gly Gly Val
 60 70 75 80 85
 62 gga gta gaa gca cct ccc gtt gcg gag gaa cca ccg aaa att aaa cgg 403
 63 Gly Val Glu Ala Pro Pro Val Ala Glu Glu Pro Pro Lys Ile Lys Arg
 64 90 95 100
 66 ccc acg agt gga aaa caa gtc cgc cag ttc tac ggc atc aag cca cta 451

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RAW SEQUENCE LISTING

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

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Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

```

67 Pro Thr Ser Gly Lys Gln Val Arg Gln Phe Tyr Gly Ile Lys Pro Leu
68          105          110          115
70 cac ctg ttg ttg gtc agc ata ttg gtt ggt tct att gct ggt att tgg 499
71 His Leu Leu Leu Val Ser Ile Leu Val Gly Ser Ile Ala Gly Ile Trp
72          120          125          130
74 gtg att tcg ggt ttc act ggg cca gtg gac tca cgg ccg gta gat aag 547
75 Val Ile Ser Gly Phe Thr Gly Pro Val Asp Ser Arg Pro Val Asp Lys
76          135          140          145
78 gtg gcg gag att tca acg cag ggg gag acg tcg ata agc aat caa ccc 595
79 Val Ala Glu Ile Ser Thr Gln Gly Glu Thr Ser Ile Ser Asn Gln Pro
80 150          155          160          165
82 caa ccc cag ccc acc gtg ctc gtg acc gag gac ctg ctt att gag gcg 643
83 Gln Pro Gln Pro Thr Val Leu Val Thr Glu Asp Leu Leu Ile Glu Ala
84          170          175          180
86 cca ttt ggt ttt gaa atg cga agc gac gaa cag tcg cgc tac ctg gaa 691
87 Pro Phe Gly Phe Glu Met Arg Ser Asp Glu Gln Ser Arg Tyr Leu Glu
88          185          190          195
90 ggc ccc gac ccg aat ctg cgc atc cac gtg ggc gtc gat ccg ctg cac 739
91 Gly Pro Asp Pro Asn Leu Arg Ile His Val Gly Val Asp Pro Leu His
92          200          205          210
94 ggc gcg gac gcc gcg ctg gtt gcc gaa gag ctg cgc cgc ctg atc acc 787
95 Gly Ala Asp Ala Ala Leu Val Ala Glu Glu Leu Arg Arg Leu Ile Thr
96          215          220          225
98 gag gat cct tcg ctg gag gaa att ccc gca ggg gag tgg ggc gag aaa 835
99 Glu Asp Pro Ser Leu Glu Ile Pro Ala Gly Glu Trp Gly Glu Lys
100 230          235          240          245
102 acc acc atc gac tac cgc gaa aca ccc ggc gat ggc tct cat gtg ctg 883
103 Thr Thr Ile Asp Tyr Arg Glu Thr Pro Gly Asp Gly Ser His Val Leu
104          250          255          260
106 tgg gtg acc tgg ttt gac acc gac cga caa ctc aac gtt ggg tgc cat 931
107 Trp Val Thr Trp Phe Asp Thr Asp Arg Gln Leu Asn Val Gly Cys His
108          265          270          275
110 agc aaa gcc gcc gaa acc ctt gtt cac aag gca caa tgc cga aat gtg 979
111 Ser Lys Ala Ala Glu Thr Leu Val His Lys Ala Gln Cys Arg Asn Val
112          280          285          290
114 att gag cat ctg acg ctg aaa tgatgccggt ttctatccg aat 1023
115 Ile Glu His Leu Thr Leu Lys
116          295          300
119 <210> SEQ ID NO: 2
120 <211> LENGTH: 300
121 <212> TYPE: PRT
122 <213> ORGANISM: Corynebacterium glutamicum
124 <400> SEQUENCE: 2
125 Met Ser Thr Gln Thr Ile Thr Val Leu Glu Thr Ala Thr Ile
126 1          5          10          15
128 Phe Asp Gly Pro Glu Thr Ile Tyr Arg Tyr Asp Leu Ala Ala Glu Gly
129          20          25          30
131 Ile Leu Asp Gly Trp Ala His Ser Ala Val Leu Asp Gln Val Lys Gln
132          35          40          45

```

RAW SEQUENCE LISTING

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

TIME: 10:11:23

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

```

134 Ile Ala Gly Glu Asn Trp Pro Thr Val Glu Ile Val Val Asp Gly Thr
135      50                      55                      60
137 Asp Asn Val Val Asn Ala Leu Thr Ser Met Phe Ala Ser Lys Gly Val
138 65                      70                      75                      80
140 Thr Cys Gly Gly Val Gly Val Glu Ala Pro Pro Val Ala Glu Glu Pro
141                      85                      90                      95
143 Pro Lys Ile Lys Arg Pro Thr Ser Gly Lys Gln Val Arg Gln Phe Tyr
144                      100                     105                     110
146 Gly Ile Lys Pro Leu His Leu Leu Leu Val Ser Ile Leu Val Gly Ser
147      115                      120                      125
149 Ile Ala Gly Ile Trp Val Ile Ser Gly Phe Thr Gly Pro Val Asp Ser
150      130                      135                      140
152 Arg Pro Val Asp Lys Val Ala Glu Ile Ser Thr Gln Gly Glu Thr Ser
153 145                      150                      155                      160
155 Ile Ser Asn Gln Pro Gln Pro Gln Pro Thr Val Leu Val Thr Glu Asp
156                      165                      170                      175
158 Leu Leu Ile Glu Ala Pro Phe Gly Phe Glu Met Arg Ser Asp Glu Gln
159                      180                      185                      190
161 Ser Arg Tyr Leu Glu Gly Pro Asp Pro Asn Leu Arg Ile His Val Gly
162      195                      200                      205
164 Val Asp Pro Leu His Gly Ala Asp Ala Ala Leu Val Ala Glu Glu Leu
165      210                      215                      220
167 Arg Arg Leu Ile Thr Glu Asp Pro Ser Leu Glu Glu Ile Pro Ala Gly
168 225                      230                      235                      240
170 Glu Trp Gly Glu Lys Thr Thr Ile Asp Tyr Arg Glu Thr Pro Gly Asp
171                      245                      250                      255
173 Gly Ser His Val Leu Trp Val Thr Trp Phe Asp Thr Asp Arg Gln Leu
174                      260                      265                      270
176 Asn Val Gly Cys His Ser Lys Ala Ala Glu Thr Leu Val His Lys Ala
177      275                      280                      285
179 Gln Cys Arg Asn Val Ile Glu His Leu Thr Leu Lys
180      290                      295                      300
183 <210> SEQ ID NO: 3
184 <211> LENGTH: 513
185 <212> TYPE: DNA
186 <213> ORGANISM: Corynebacterium glutamicum
188 <220> FEATURE:
189 <221> NAME/KEY: CDS
190 <222> LOCATION: (101)..(490)
191 <223> OTHER INFORMATION: FRXA01638
193 <400> SEQUENCE: 3
194 ttctactggg ccagtggact cacggccggt agataagggtg gcggagattt caacgcaggg 60
196 ggagacgtcg ataagcaatc aacccaacc ccagcccacc gtg ctc gtg acc gag 115
197                      Val Leu Val Thr Glu
198                      1                      5
200 gac ctg ctt att gag gcg cca ttt ggt ttt gaa atg cga agc gac gaa 163
201 Asp Leu Leu Ile Glu Ala Pro Phe Gly Phe Glu Met Arg Ser Asp Glu
202      10                      15                      20
204 cag tcg cgc tac ctg gaa ggc ccc gac ccg aat ctg cgc atc cac gtg 211

```

RAW SEQUENCE LISTING

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

TIME: 10:11:23

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

```

205 Gln Ser Arg Tyr Leu Glu Gly Pro Asp Pro Asn Leu Arg Ile His Val
206          25          30          35
208 ggc gtc gat ccg ctg cac ggc gcg gac gcc gcg ctg gtt gcc gaa gag 259
209 Gly Val Asp Pro Leu His Gly Ala Asp Ala Ala Leu Val Ala Glu Glu
210          40          45          50
212 ctg cgc cgc ctg atc acc gag gat cct tcg ctg gag gaa att ccc gca 307
213 Leu Arg Arg Leu Ile Thr Glu Asp Pro Ser Leu Glu Glu Ile Pro Ala
214          55          60          65
216 ggg gag tgg ggc gag aaa acc acc atc gac tac cgc gaa aca ccc ggc 355
217 Gly Glu Trp Gly Glu Lys Thr Thr Ile Asp Tyr Arg Glu Thr Pro Gly
218 70          75          80          85
220 gat ggc tct cat gtg ctg tgg gtg acc tgg ttt gac acc gac cga caa 403
221 Asp Gly Ser His Val Leu Trp Val Thr Trp Phe Asp Thr Asp Arg Gln
222          90          95          100
224 ctc aac gtt ggg tgc cat agc aaa gcc gcc gaa acc ctt gtt cac aag 451
225 Leu Asn Val Gly Cys His Ser Lys Ala Ala Glu Thr Leu Val His Lys
226          105          110          115
228 gca caa tgc cga aat gtg att gag cat ctg acg ctg aaa tgatgccggt 500
229 Ala Gln Cys Arg Asn Val Ile Glu His Leu Thr Leu Lys
230          120          125          130
232 ttctatccgg aat 513
235 <210> SEQ ID NO: 4
236 <211> LENGTH: 130
237 <212> TYPE: PRT
238 <213> ORGANISM: Corynebacterium glutamicum
240 <400> SEQUENCE: 4
241 Val Leu Val Thr Glu Asp Leu Leu Ile Glu Ala Pro Phe Gly Phe Glu
242 1          5          10          15
244 Met Arg Ser Asp Glu Gln Ser Arg Tyr Leu Glu Gly Pro Asp Pro Asn
245          20          25          30
247 Leu Arg Ile His Val Gly Val Asp Pro Leu His Gly Ala Asp Ala Ala
248          35          40          45
250 Leu Val Ala Glu Glu Leu Arg Arg Leu Ile Thr Glu Asp Pro Ser Leu
251          50          55          60
253 Glu Glu Ile Pro Ala Gly Glu Trp Gly Glu Lys Thr Thr Ile Asp Tyr
254 65          70          75          80
256 Arg Glu Thr Pro Gly Asp Gly Ser His Val Leu Trp Val Thr Trp Phe
257          85          90          95
259 Asp Thr Asp Arg Gln Leu Asn Val Gly Cys His Ser Lys Ala Ala Glu
260          100          105          110
262 Thr Leu Val His Lys Ala Gln Cys Arg Asn Val Ile Glu His Leu Thr
263          115          120          125
265 Leu Lys
266          130
269 <210> SEQ ID NO: 5
270 <211> LENGTH: 561
271 <212> TYPE: DNA
272 <213> ORGANISM: Corynebacterium glutamicum
274 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

TIME: 10:11:23

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

```

275 <221> NAME/KEY: GDS
276 <222> LOCATION: (101)..(538)
277 <223> OTHER INFORMATION: FRXA01639
279 <400> SEQUENCE: 5
280 aggcatacaaa cccacagcac aaccaccagg acgtgccacg atgtccatcc gtggtgaaaa 60
282 catcgtgtgtt gcacagatgg caccgcatag gtgatgactc atg agc acc caa aca 115
283                                     Met Ser Thr Gln Thr
284                                     1 5
286 atc acc atc aca gtc cta gaa acc gcc acc atc ttt gac ggc cct gaa 163
287 Ile Thr Ile Thr Val Leu Glu Thr Ala Thr Ile Phe Asp Gly Pro Glu
288 10 15 20
290 acc atc tac cgc tat gac ctg gct gcc gaa ggc atc ctt gat gga tgg 211
291 Thr Ile Tyr Arg Tyr Asp Leu Ala Ala Glu Gly Ile Leu Asp Gly Trp
292 25 30 35
294 gct cac tct gct gtg ctg gat caa gtg aaa caa ata gca ggt gaa aac 259
295 Ala His Ser Ala Val Leu Asp Gln Val Lys Gln Ile Ala Gly Glu Asn
296 40 45 50
298 tgg ccg act gtt gag atc gtg gtg gat ggc acc gac aac gta gtc aat 307
299 Trp Pro Thr Val Glu Ile Val Val Asp Gly Thr Asp Asn Val Val Asn
300 55 60 65
302 gca ctc acc tcc atg ttt gct tcc aaa ggc gtg acc tgc ggt ggg gtt 355
303 Ala Leu Thr Ser Met Phe Ala Ser Lys Gly Val Thr Cys Gly Gly Val
304 70 75 80 85
306 gga gta gaa gca cct ccc gtt gcg gag gaa cca ccg aaa att aaa cgg 403
307 Gly Val Glu Ala Pro Pro Val Ala Glu Glu Pro Pro Lys Ile Lys Arg
308 90 95 100
310 ccc acg agt gga aaa caa gtc cgc cag ttc tac ggc atc aag cca cta 451
311 Pro Thr Ser Gly Lys Gln Val Arg Gln Phe Tyr Gly Ile Lys Pro Leu
312 105 110 115
314 cac ctg ttg ttg gtc agc ata ttg gtt ggt tct att gct ggt att tgg 499
315 His Leu Leu Leu Val Ser Ile Leu Val Gly Ser Ile Ala Gly Ile Trp
316 120 125 130
318 gga ttt cgg gtt tca ctg ggc cag tgg act cac ggc cgg tagataaggt 548
319 Gly Phe Arg Val Ser Leu Gly Gln Trp Thr His Gly Arg
320 135 140 145
322 ggcggagatt tca 561
325 <210> SEQ ID NO: 6
326 <211> LENGTH: 146
327 <212> TYPE: PRT
328 <213> ORGANISM: Corynebacterium glutamicum
330 <400> SEQUENCE: 6
331 Met Ser Thr Gln Thr Ile Thr Ile Thr Val Leu Glu Thr Ala Thr Ile
332 1 5 10 15
334 Phe Asp Gly Pro Glu Thr Ile Tyr Arg Tyr Asp Leu Ala Ala Glu Gly
335 20 25 30
337 Ile Leu Asp Gly Trp Ala His Ser Ala Val Leu Asp Gln Val Lys Gln
338 35 40 45
340 Ile Ala Gly Glu Asn Trp Pro Thr Val Glu Ile Val Val Asp Gly Thr
341 50 55 60

```

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/605,703B

DATE: 01/10/2002

TIME: 10:11:24

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

~~L:4193 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39~~
L:4211 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4212 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4219 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4220 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4224 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4228 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4231 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4232 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:39
L:4365 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:40
L:4374 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:40
L:4377 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:40
L:4380 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:40
L:4383 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:40
L:6595 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:69
L:6745 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:70
L:20551 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20552 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20559 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20560 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20563 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20564 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20567 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20568 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:271
L:20665 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:272
L:20668 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:272
L:20671 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:272
L:20674 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:272
L:20677 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:272
L:40063 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40075 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40079 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40083 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40087 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40091 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40095 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40099 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40103 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40107 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40111 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:543
L:40561 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40564 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40570 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40573 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40576 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40579 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40582 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544
L:40585 M:341 W:(46) "n" or "Xaa" used, for SEQ ID#:544

VERIFICATION SUMMARY

DATE: 01/10/2002

PATENT APPLICATION: US/09/605,703B

TIME: 10:11:24

Input Set : N:\jumbos\605703B.txt

Output Set: N:\CRF3\01102002\I605703B.raw

~~L:40588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:544~~

~~L:40591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:544~~